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PATENT  
P57054

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

SUNG-HOON KIM, *et al.*

Serial No.: 10/826,370

Examiner: *To be assigned*

Filed: 19 April 2004

Art Unit: 2665

For: PRIVATE EV-DO SYSTEM SHARING PUBLIC NETWORK DATA LOCATION  
REGISTER AND DATA SERVICE METHOD

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O.Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, describes, and provides copies of the following art references:

**FOREIGN PATENT REFERENCE:**

- Japanese Patent Publication No. 2003-111124 to Ishii, entitled *MOBILE NETWORK SYSTEM*, published on 11 April 2003 (with English abstract).
- Japanese Patent Publication No. 08-214358 to Omiya, *et all.*, entitled *ROAMING METHOD TO PRIVATE SYSTEM FOR MOBILE COMMUNICATION TERMINAL*, published on 20 August 1996 (with English abstract).
- Japanese Patent Publication No. 07-023463 to Matsutaka, *et al.*, entitled *MOBILE BODY COMMUNICATION SYSTEM*, published on 24 January 1995 (with English abstract).
- Japanese Patent Publication No. 2002-540649 to Ladue, entitled *METHOD AND APPARATUS FOR REMOTE TELEPHONY SWITCH CONTROL*, published on 26

November 2002 (with English abstract corresponding to International Patent No. 00/44152).

- Japanese Patent Publication No. 11-252612 to Inoue, entitled *RADIO PRIVATE BRANCH OF EXCHANGE AND RADIO COMMUNICATION SYSTEM*, published on 17 September 1999 (with English abstract).

**OTHER DOCUMENTS:**

- Japanese Office action for Japanese Patent Application No. 2004-136615, issued on 20 June 2006.

**DISCUSSION**

**Ishii JP'124**, according to the Japanese Office action in applicant's Japanese patent application Serial No. 2004-136615, discloses that the locations of portable terminals and portable information terminals moved into a closed area from the outside are registered (location registration) in local base stations from public base stations, and a server provides the terminals and with local service information through the base stations.

**Omiya JP'358**, discloses that a public network service control function realizing device for holding authentication/position information or the like and realizing service control inside the public telecommunication network and a private network service control function realizing device for holding the position information or the like and controlling the service inside the private telecommunication network are connected by an electric signal line. Then, when a public network mobile communication terminal moves over mobile communication service areas within both networks, at the time of authentication/position registration, a fact that the authentication/position registration is requested in the different telecommunication network is reported between the devices for realizing both public and private service control functions and information required for the service control is mutually transferred.

**Matsutaka JP'463**, discloses that when a portable set moves from a radio zone to a radio zone, the portable set sets an extension number for a private network of a table to a portable set number of a position registration request to a private network PBX 12 via a private network base station and sends the result. The private network PBX 12 revises a zone of the portable set of a table being a content of a position registration management section into the private network base station being a current location from the public network being the location up to now, the content of the portable set number of the position registration request is revised to the public network number from the extension number of portable set by the table, and a public network mobile body I/F device sends the result through a mobile body control signal channel between the mobile body system of the public network and the private network PBX 12.

**Ladue WO'152**, discloses that a command, such as an application specific command, is communicated from a central host to a remote station via a cellular mobile radio network.

**Inoue JP'612**, discloses that a relay CS 18 is installed in a service area of a public CS 13 and is operated for the public CS 13 as if it were three public PS. A PS 19 is accessible to other PS 19 in a same enterprise and is directly accessible to a public PHS network 12 via a private CS 17, a private branch of exchange, the relay CS 18 and the public CS 13 within an area of a private CS 17 even at the outside of the service area of the private CS 17 from a place anywhere the enterprise.

Pursuant to 37 CFR §1.97(d), the undersigned attorney hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three (3) months prior to the filing of the statement.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

No fee is incurred by this Statement.

Respectfully submitted,



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		FILING DATE 19 April 2004	GROUP 2665

U.S. PATENT DOCUMENTS						
EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
FOREIGN PATENT DOCUMENTS						TRANSLATION
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES
	JP 2003-111124	04/03	JAPAN			Abstract
	JP 08-214358	08/96	JAPAN			Abstract
	JP 07-023463	01/95	JAPAN			Abstract
	JP 2002-540649 (w/ WO00/44152 abstract)	11/02	JAPAN			Abstract
	JP 11-252612	09/99	JAPAN			Abstract
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
	Japanese Office Action of the Japanese Patent Application No. 2004-136615, mailed on 20 June 2006					
EXAMINER:	DATE CONSIDERED:					
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						